

What is claimed is:

Sub A17 1. A digital zoom-out apparatus for forming a zoomed-out image from a plurality of received image signals in accordance with a given magnification, the apparatus comprising:

5 an image signal storage unit which stores a plurality of frame or field image signals;

a motion information detector which detects motion information between two image signals; and

10 a record and control unit which zooms out the received frame or field image signals in accordance with the given magnification, receives motion information from said motion information detector, controls the location in said image signal storage where the zoomed-out image signals are to be recorded, and records zoomed-out image signals in said image signal storage unit,

15 wherein the plurality of received frame or field images are zoomed-out and combined to form the zoomed-out image, which is synthesized according to a degree of overlap between the received images.

2. The digital zoom-out apparatus of claim 1, wherein said motion information detector uses data provided by an accelerometer to detect the motion information.

3. The digital zoom-out apparatus of claim 1, wherein said motion information detector uses data provided by a gyroscopic sensor to detect the motion information.

4. The digital zoom-out apparatus of claim 1, wherein said motion information detector compares a previously-received image signal with a currently-received image signal to detect said motion information.

5. The digital zoom-out apparatus of claim 1, wherein said record and control unit stores in said image signal unit only those portions of received images needed to form the zoomed-out image, whereby storage space is conserved by elimination of redundant information.

ADD A1

ADD B1

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